

Figure 1

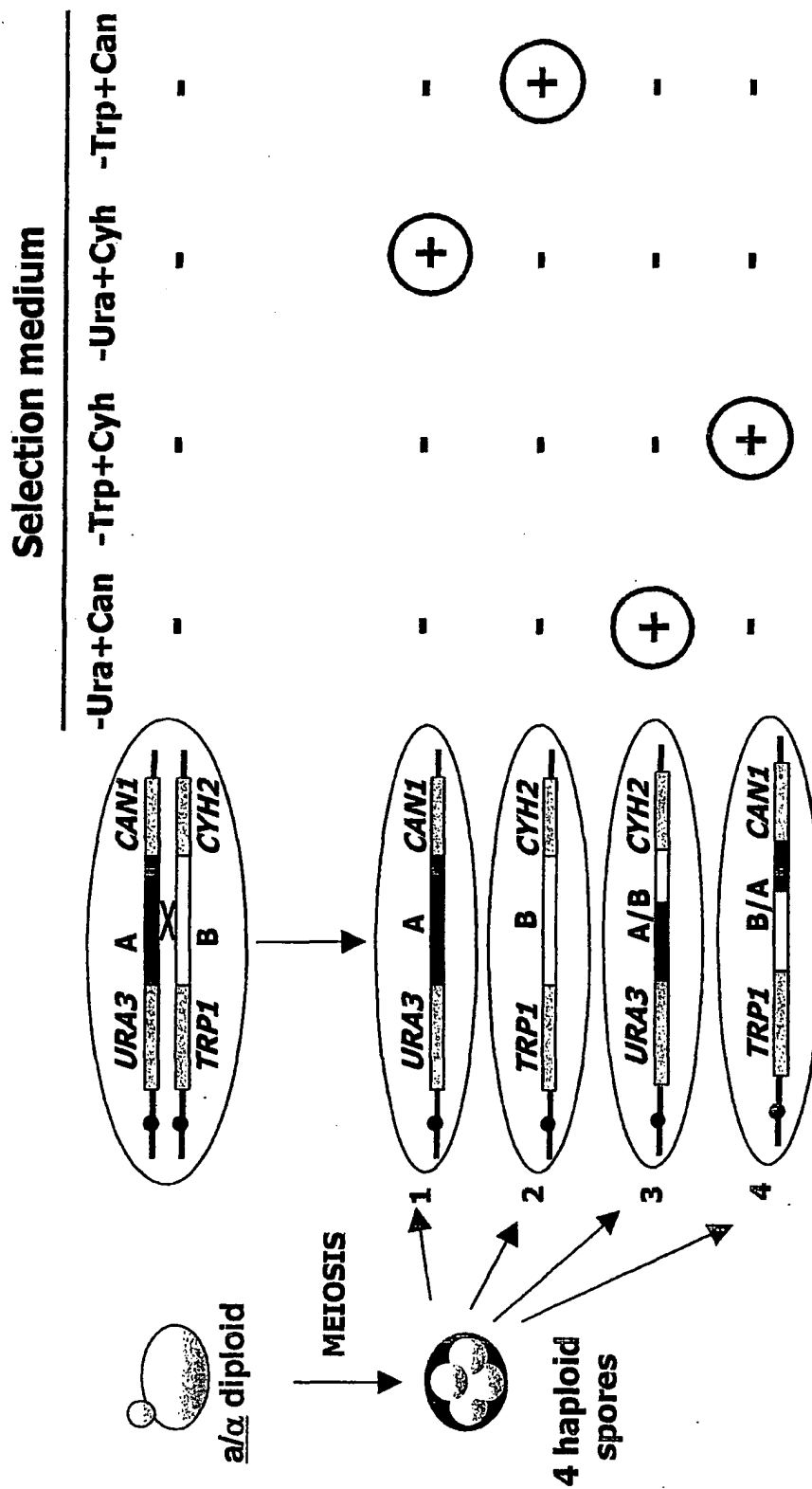


Figure 2

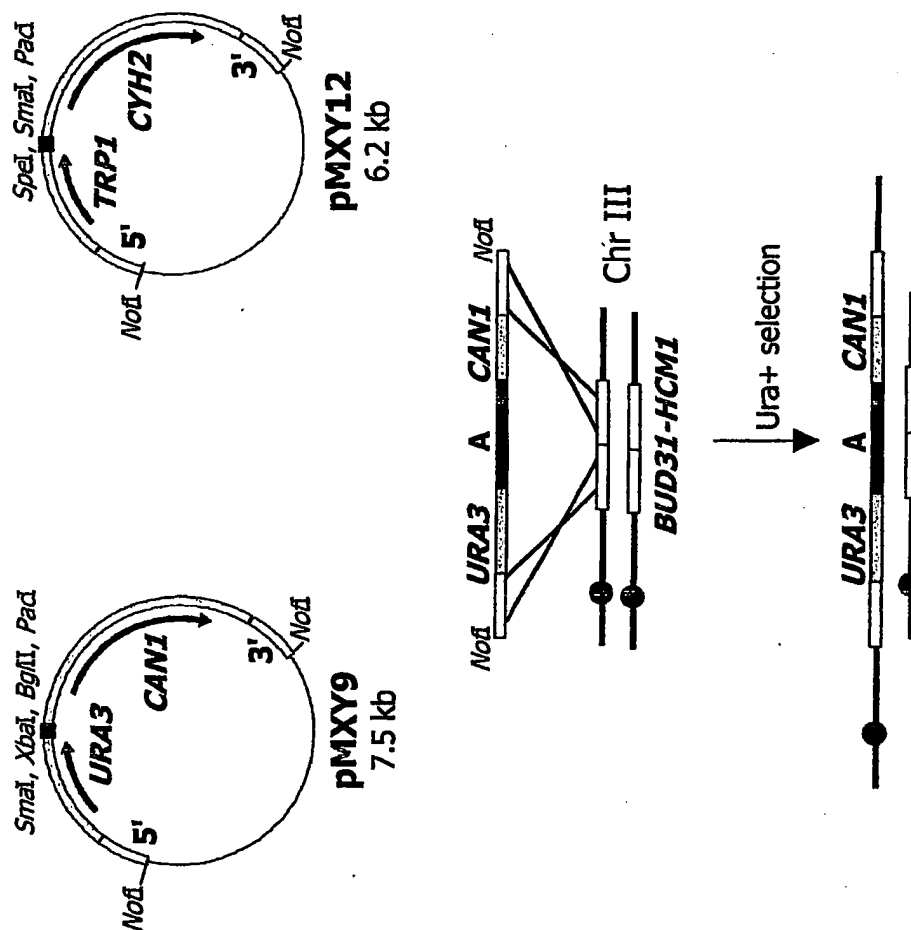


Figure 3

% homology	Ura+CanR recombinants		Trp+CyhR recombinants	
	wt	<i>msh2</i>	wt	<i>msh2</i>
100	$3.4 \pm 1.6 \times 10^{-3}$ (6)	$4.9 \pm 2.6 \times 10^{-3}$ (6)	$7.2 \pm 2.6 \times 10^{-3}$ (6)	$1.3 \pm 0.3 \times 10^{-2}$ (5)
95	$5.3 \pm 3.2 \times 10^{-4}$ (6)	$3.9 \pm 1.6 \times 10^{-3}$ (6)	$5.5 \pm 1.0 \times 10^{-4}$ (6)	$8.3 \pm 2.6 \times 10^{-3}$ (6)
78	$6.8 \pm 4.5 \times 10^{-5}$ (4)	$2.7 \pm 1.5 \times 10^{-4}$ (4)	$1.9 \pm 0.7 \times 10^{-5}$ (4)	$2.7 \pm 1.2 \times 10^{-4}$ (3)

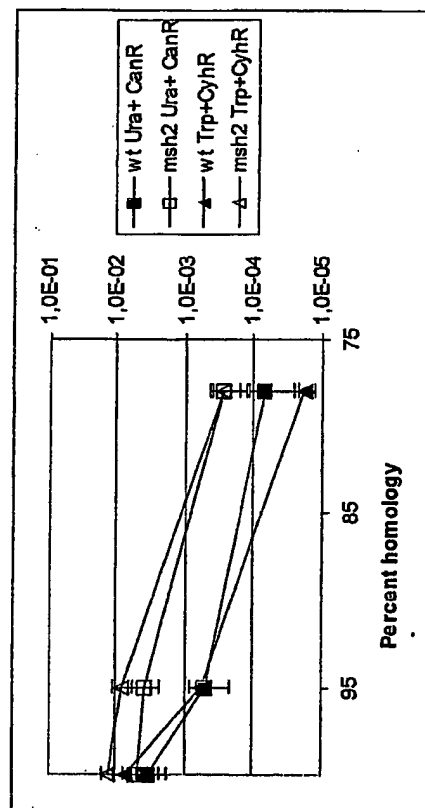


Figure 4

% homology	Ura+ CanR <i>msh2</i> /wt	Trp+ CyhR <i>msh2</i> /wt
100	1.5 \pm 0.6 (6)	2.0 \pm 0.7 (5)
95	8.3 \pm 3.1 (6)	15.8 \pm 6.8 (6)
78	4.3 \pm 1.1 (4)	12.6 \pm 2.6 (3)

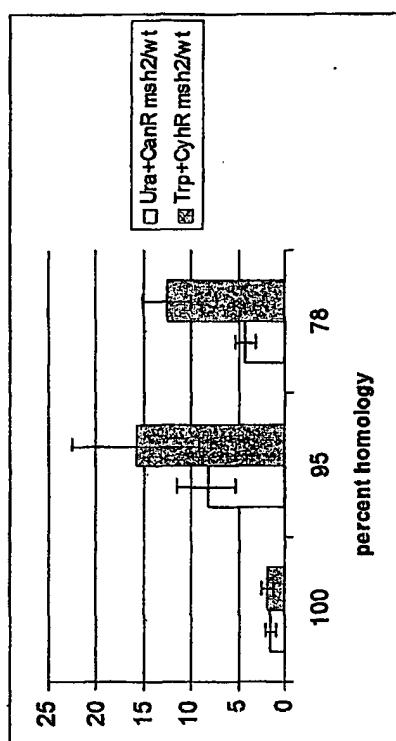


Figure 5

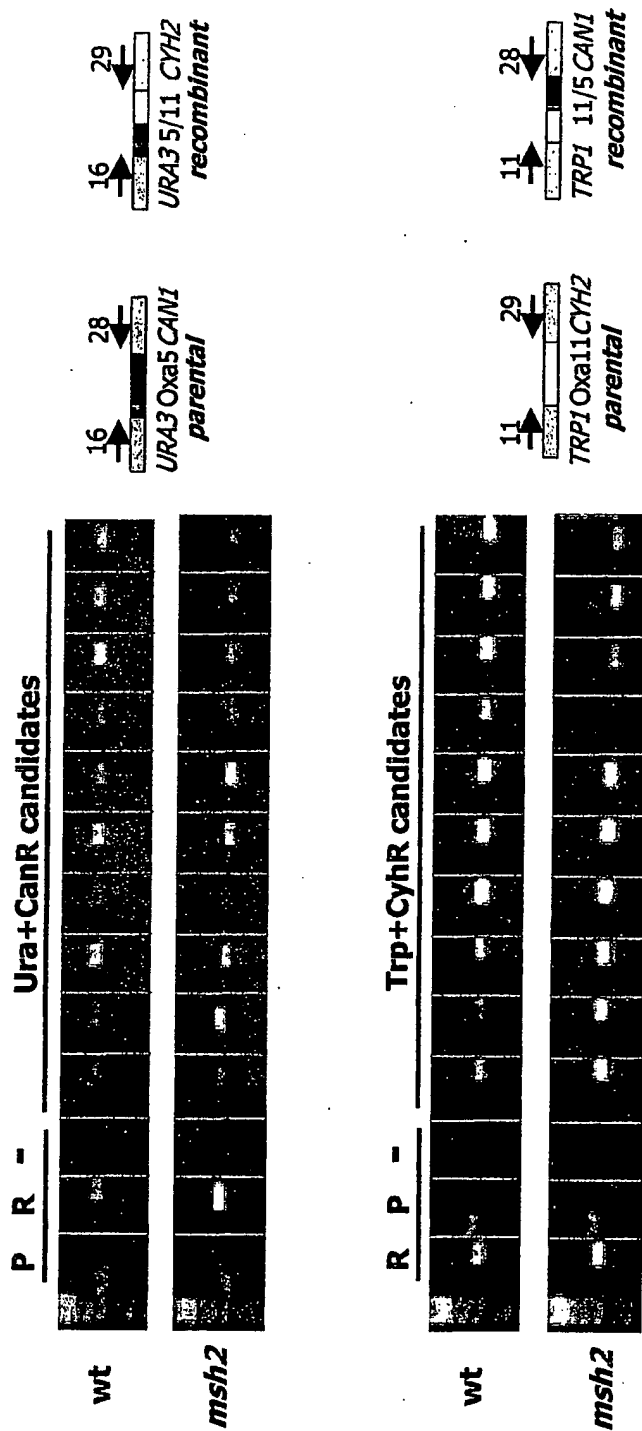


Figure 6

	Ura+CyhR recombinants		Trp+CanR recombinants	
	wt	<i>msh2</i>	wt	<i>msh2</i>
100	4.0×10^{-3}	2.8×10^{-2}	2.5×10^{-3}	1.4×10^{-2}
95	MXY81 3.6×10^{-4} MXY82 2.8×10^{-4} MXY83 3.0×10^{-4}	MXY86 9.9×10^{-3} MXY87 8.5×10^{-3} MXY88 7.0×10^{-3}	MXY81 4.3×10^{-4} MXY82 1.5×10^{-4} MXY83 3.3×10^{-4}	MXY86 1.4×10^{-2} MXY87 1.1×10^{-2} MXY88 1.2×10^{-2}